

# Liang Li

## List of Publications by Year in descending order

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32  
papers

1,085  
citations

567281

15  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1597  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Hall effect in black phosphorus two-dimensional electron system. Nature Nanotechnology, 2016, 11, 593-597.	31.5	356
2	Reciprocal-Space-Trajectory Perspective on High-Harmonic Generation in Solids. Physical Review Letters, 2019, 122, 193901.	7.8	96
3	Selection rules of high-order-harmonic generation: Symmetries of molecules and laser fields. Physical Review A, 2016, 94, .	2.5	80
4	High-order-harmonic generation of a doped semiconductor. Physical Review A, 2017, 96, .	2.5	54
5	Determination of Electron Band Structure using Temporal Interferometry. Physical Review Letters, 2020, 124, 157403.	7.8	54
6	Magnetic-field-induced robust zero Hall plateau state in MnBi <sub>2</sub> Te <sub>4</sub> Chern insulator. Nature Communications, 2021, 12, 4647.	12.8	43
7	Efficient generation of highly elliptically polarized attosecond pulses. Optical and Quantum Electronics, 2017, 49, 1.	3.3	40
8	Direct imaging of molecular rotation with high-order-harmonic generation. Physical Review A, 2019, 99, .	2.5	39
9	Nematic superconducting state in iron pnictide superconductors. Nature Communications, 2017, 8, 1880.	12.8	33
10	Orientation dependence of high-order harmonic generation in nanowire. Physical Review A, 2019, 99, .	2.5	32
11	Temperature and angular dependence of the upper critical field in $KCr_2O_8$ . Physical Review B, 2017, 95, .	3.2	28
12	Scaling Law of High Harmonic Generation in the Framework of Photon Channels. Physical Review Letters, 2018, 120, 223203.	7.8	27
13	Ultrafast oscillating-magnetic-field generation based on electronic-current dynamics. Physical Review A, 2019, 99, .	2.5	24
14	Helicity reversion in high-order-harmonic generation driven by bichromatic counter-rotating circularly polarized laser fields. Physical Review A, 2016, 94, .	2.5	19
15	Huygens-Fresnel Picture for High Harmonic Generation in Solids. Physical Review Letters, 2021, 127, 223201.	7.8	18
16	Macroscopic effect of plasmon-driven high-order-harmonic generation. Physical Review A, 2017, 96, .	2.5	15
17	High harmonic generation from axial chiral molecules. Optics Express, 2017, 25, 23502.	3.4	14
18	Dynamic Core Polarization in High Harmonic Generation from Solids: The Example of MgO Crystals. Physical Review Letters, 2021, 126, 187401.	7.8	12

#	ARTICLE	IF	CITATIONS
19	Determination of transition dipole moments of solids with high-order harmonics driven by multicycle ultrashort pulses. <i>Physical Review A</i> , 2022, 105, .	2.5	12
20	Origin of the Avalanche-Like Photoluminescence from Metallic Nanowires. <i>Scientific Reports</i> , 2016, 6, 18857.	3.3	11
21	Subpetahertz helicity-modulated high-order harmonic radiation. <i>Physical Review A</i> , 2018, 98, .	2.5	11
22	Orientation dependence of high-order harmonic generation in graphene. <i>Physical Review A</i> , 2021, 104, .	2.5	11
23	Wavelength dependence of high-order harmonic yields in solids. <i>Physical Review A</i> , 2018, 98, .	2.5	10
24	Momentum gate for tunneling electrons with a circularly polarized control field. <i>Physical Review A</i> , 2018, 98, .	2.5	7
25	PrBi: Topology meets quadrupolar degrees of freedom. <i>Physical Review B</i> , 2020, 101, .	3.2	7
26	Cutoff extension of high harmonics via resonant electron injection channels. <i>Physical Review A</i> , 2021, 103, .	2.5	7
27	Channel-closing effects of electronic excitation in solids. <i>Optics Express</i> , 2019, 27, 37224.	3.4	7
28	Fingerprint of the Interbond Electron Hopping in Second-Order Harmonic Generation. <i>Physical Review Letters</i> , 2022, 128, 027401.	7.8	6
29	Elliptical skyrmion moving along a track without transverse speed. <i>Physical Review B</i> , 2021, 104, .	3.2	5
30	Intensity and wavelength dependence of anisotropic nonlinear absorption inside MgO. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	3
31	Distinction of orientation dependence in high harmonics of ZnO without the birefringent effect. <i>Chinese Physics B</i> , 0, , .	1.4	2
32	Resolving the polarization of high-order harmonic generation by temporal multislit interferometry. <i>Physical Review A</i> , 2021, 104, .	2.5	2